

Accepted Manuscript

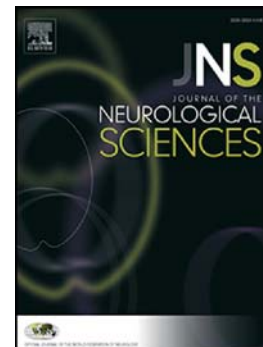
A case of non-dystrophic myotonia with concomitant mutations in the *SCN4A* and *CLCN1* genes

Hideki Kato M.D., Ph.D., Yosuke Kokunai M.D., Ph.D., Carine Dalle Ph.D, Tomoya Kubota M.D., Ph.D., Yuta Madokoro M.D., Hiroyuki Yuasa M.D., Ph.D., Yuto Uchida M.D., Tomomasa Ikeda M.D., Hideki Mochizuki M.D., Ph.D., Sophie Nicole Ph.D., Bertrand Fontaine M.D., Ph.D., Masanori P. Takahashi M.D.; Ph.D., Shigehisa Mitake M.D., Ph.D.

PII: S0022-510X(16)30521-4
DOI: doi: [10.1016/j.jns.2016.08.030](https://doi.org/10.1016/j.jns.2016.08.030)
Reference: JNS 14760

To appear in: *Journal of the Neurological Sciences*

Received date: 25 August 2015
Revised date: 11 August 2016
Accepted date: 12 August 2016



Please cite this article as: Hideki Kato, Yosuke Kokunai, Carine Dalle, Tomoya Kubota, Yuta Madokoro, Hiroyuki Yuasa, Yuto Uchida, Tomomasa Ikeda, Hideki Mochizuki, Sophie Nicole, Bertrand Fontaine, Masanori P. Takahashi, Shigehisa Mitake, A case of non-dystrophic myotonia with concomitant mutations in the *SCN4A* and *CLCN1* genes, *Journal of the Neurological Sciences* (2016), doi: [10.1016/j.jns.2016.08.030](https://doi.org/10.1016/j.jns.2016.08.030)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

A case of non-dystrophic myotonia with concomitant mutations in the *SCN4A* and *CLCN1* genes

Hideki Kato, M.D., Ph.D.^{a+}, Yosuke Kokunai, M.D., Ph.D.^{b,c+}, Carine Dalle, Ph.D.^c, Tomoya Kubota, M.D., Ph.D.^{b,d}, Yuta Madokoro, M.D.^a, Hiroyuki Yuasa, M.D., Ph.D.^a, Yuto Uchida, M.D.^a, Tomomasa Ikeda, M.D.^a, Hideki Mochizuki M.D., Ph.D.^b, Sophie Nicole, Ph.D.^c, Bertrand Fontaine, M.D., Ph.D.^c, Masanori P. Takahashi, M.D., Ph.D.^{b,e*}, Shigehisa Mitake, M.D., Ph.D.^a

^a Department of Neurology, Tosei General Hospital

^b Department of Neurology, Osaka University Graduate School of Medicine

^c INSERM U1127, CNRS UMR 7225, Sorbonne Universités, UPMC Univ Paris 06 UMR S 1127, Institut du Cerveau et de la Moelle Épinrière – ICM and National Reference Center for Muscular Channelopathies, University Hospital Pitié-Salpêtrière

^d Department of Biochemistry and Molecular Biology, The University of Chicago

^e Department of Functional Diagnostic Science, Osaka University Graduate School of Medicine

+ These two authors equally contributed to this work

*Corresponding Author:

Masanori P. Takahashi

Department of Neurology, Osaka University Graduate School of Medicine

D-4, 2-2 Yamadaoka, Suita, Osaka 565-0871 Japan

Phone: +81-6-6879-3571

Fax: +81-6-6879-3579

e-mail: mtakahas@neurol.med.osaka-u.ac.jp

Key words:

non-dystrophic myotonia, paralysis, channelopathy, sodium channel, chloride channel

Download English Version:

<https://daneshyari.com/en/article/8273902>

Download Persian Version:

<https://daneshyari.com/article/8273902>

[Daneshyari.com](https://daneshyari.com)